PATENT COOPERATION TREATY

To:						
		PCT				
PARK Young-Woo 5F, Seil Building, #727-13, Yoksam-dong, Gangnam-gu, 135-921 Seoul		WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY				
Republic of Korea		(PCT Rule 43bis.1)				
		Date of mailing 30 November 2004 (30.11.2004) (day/month/year)				
Applicant's or agent's file reference LW9103F		FOR FURTHER ACTION See paragraph 2 below				
		date (day/month/year) 004 (11.08.2004)	Priority Date (day/month/year) 31 December 2003 (31.12.2003)			
International Patent Classification (IPC) or both national classification and IPC H01J 9/52						
Applicant SAMSUNG ELECTRONICS CO., LTD.						
1. This opinion contains indications relating to the following items: Cont. No. I Basis of the opinion						
Name and mailing address of the IS Austrian Pate Dresdner Straße 87,	nt Office	Authorized officer SCHLECHTER B.				
Facsimile No. +43 / 1 / 534 24		Telephone No. +43	Telephone No. +43 / 1 / 534 24 / 448			

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/KR 2004/002012

Continuation No. I

1. With regard to the **language**, this opinion has been established on the basis of the international application in the language in which it was filed.

Continuation No. V

Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims 9-33	YES
	Claims 1-8	 NO ·
Inventive step (IS)	Claims 9-33	YES
	Claims 1-8	NO
Industrial applicability (IA)	Claims 1-33	YES
	Claims	NO

2. Citations and explanations:

All of the cited documents disclose a method for recycling of mercury-containing lamps, by crushing the lamp and feeding fraction thereof containing the smallest constituents comprising mercury-containing phosphor to a furnace in which it is heated up and the resulting mercury vapour is fed, with addition of a gas, to a condenser in which the mercury is condensed.

The claimed temperature ranges can be drawn at least from documents D1 and D2.

•	Thus, claims	1-8 cannot be	considered nov	vel nor inventive	over the prior art.

However, the claimed spiral condenser structure cannot be derived from the cited art, and thus, claims 9-33 can be considered novel and inventive.

Industrial applicability is given.